

FIG.1

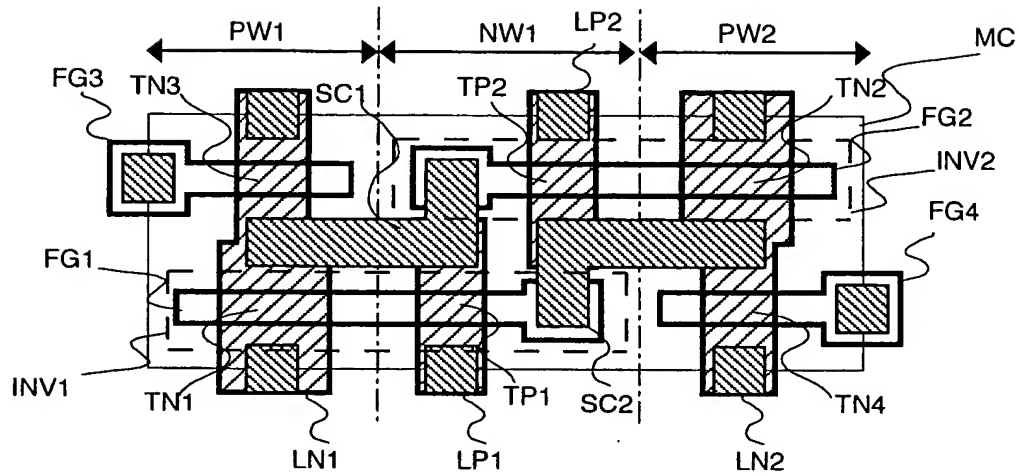
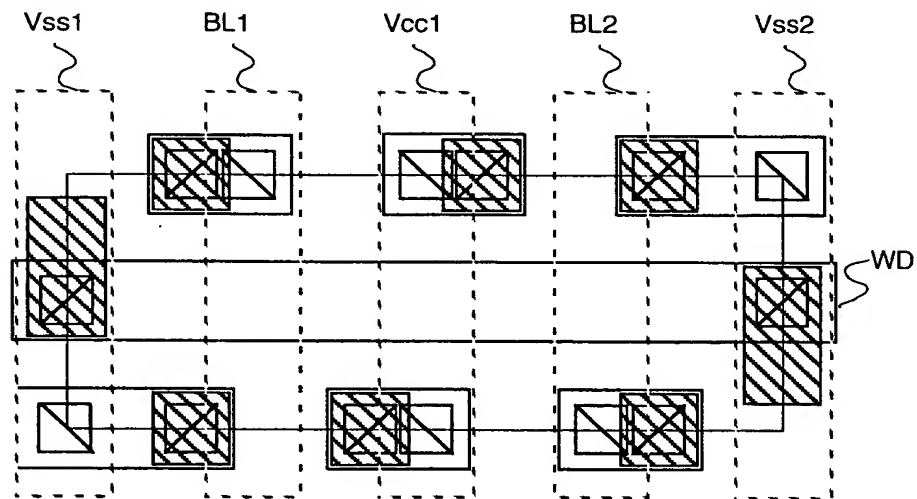


FIG.2



- |                   |                    |
|-------------------|--------------------|
| DIFFUSION LAYER   | FIRST VIA LAYER    |
| POLYSILICON LAYER | SECOND METAL LAYER |
| CONTACT LAYER     | SECOND VIA LAYER   |
| FIRST METAL LAYER | THIRD METAL LAYER  |

FIG.3

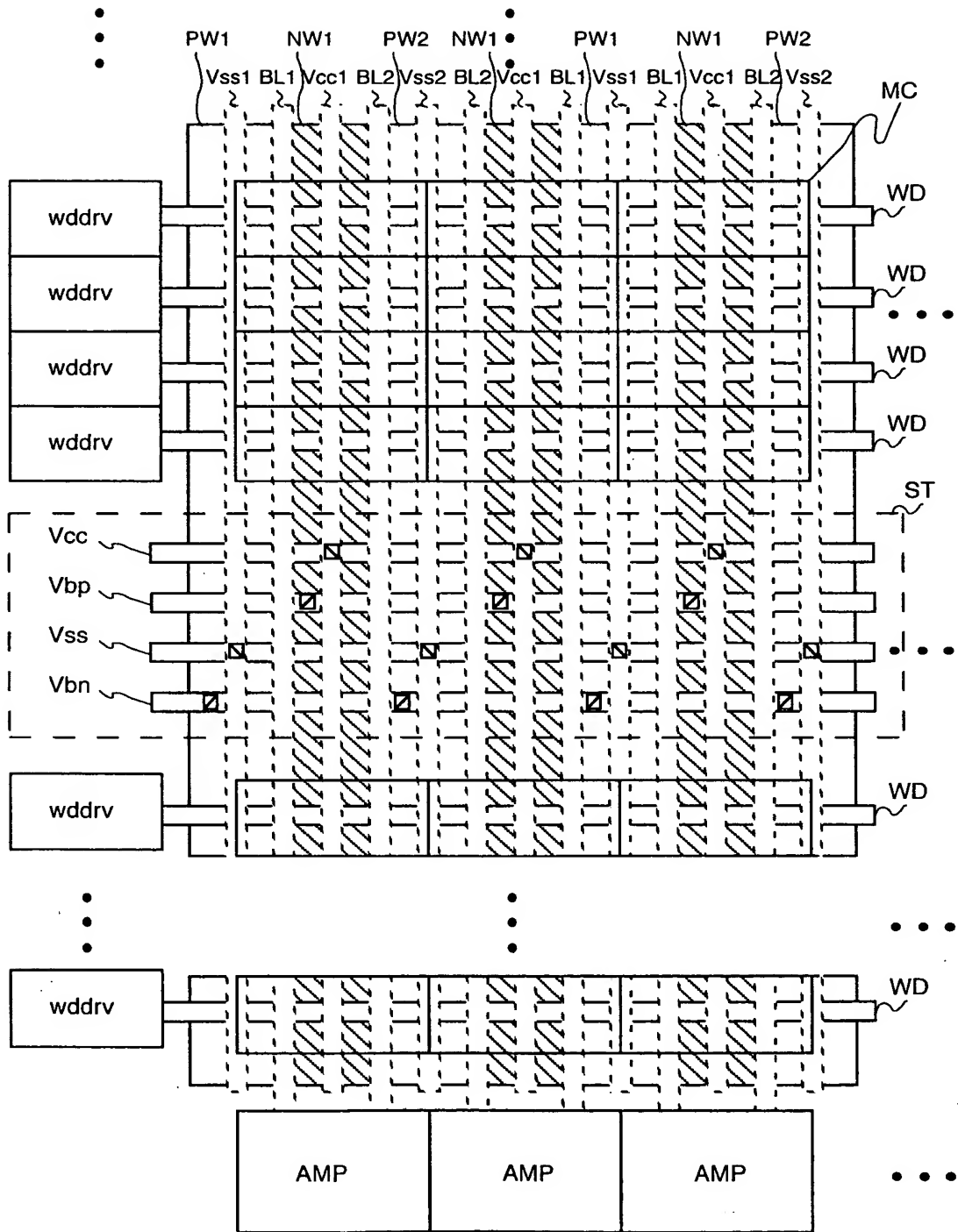


FIG.4

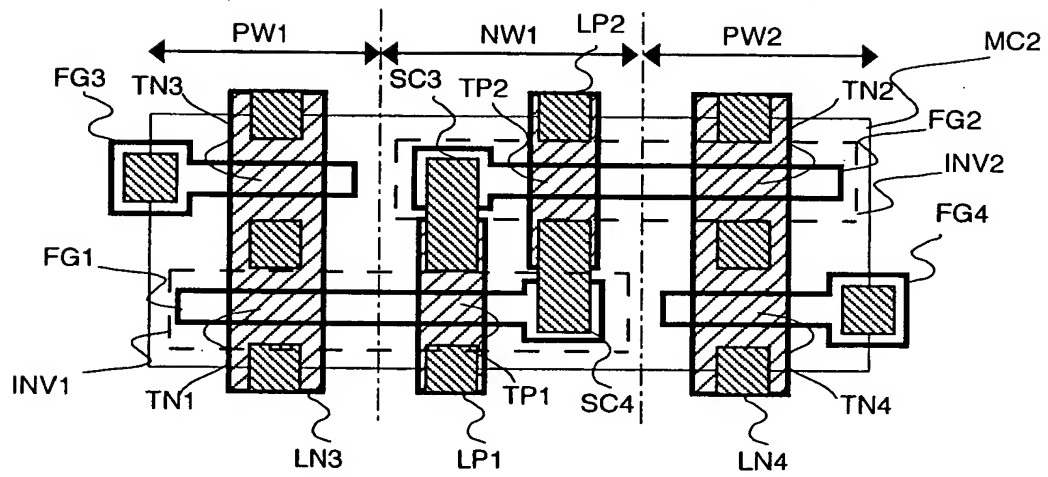


FIG.5

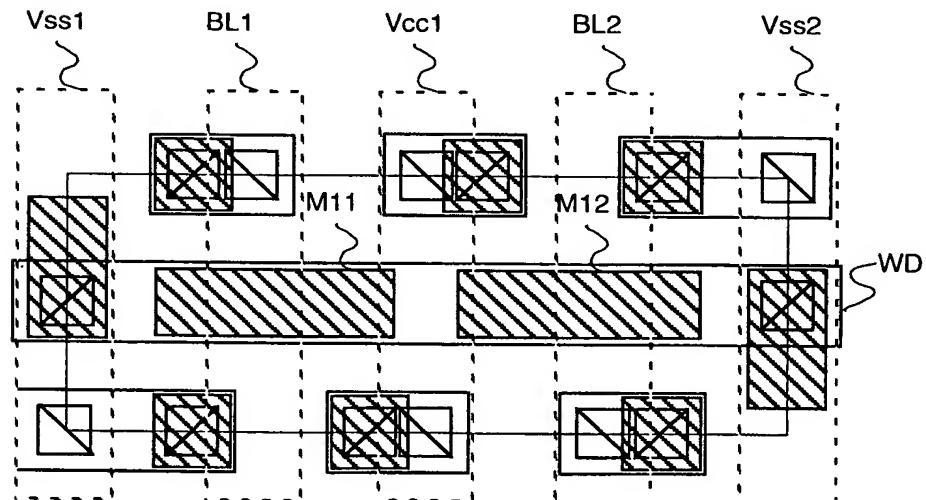


FIG.6

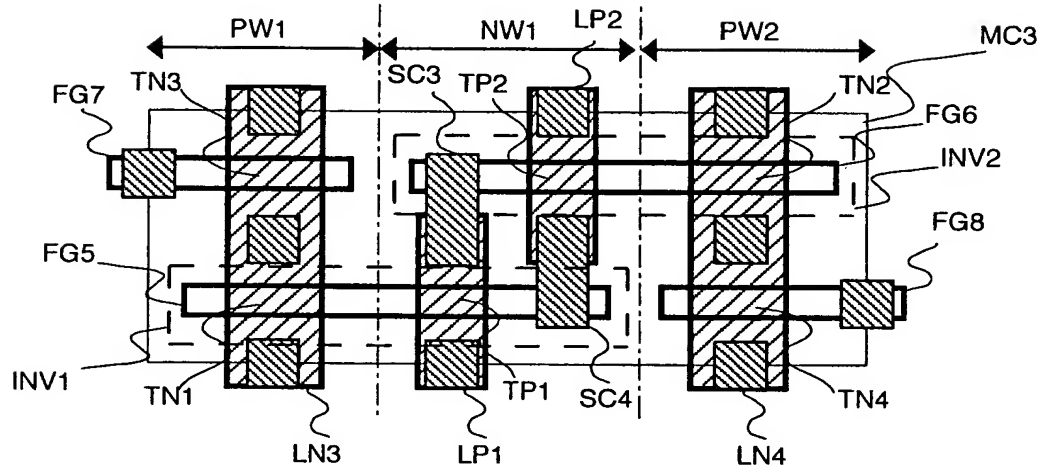


FIG.7

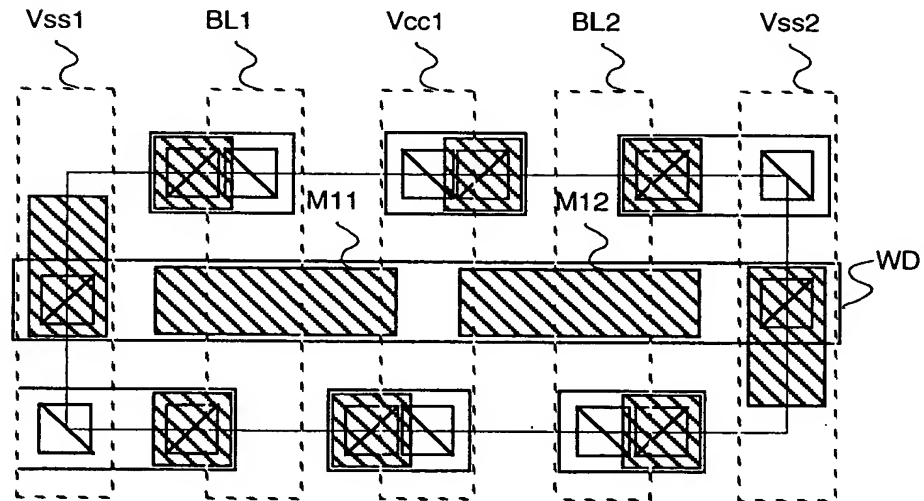


FIG.8

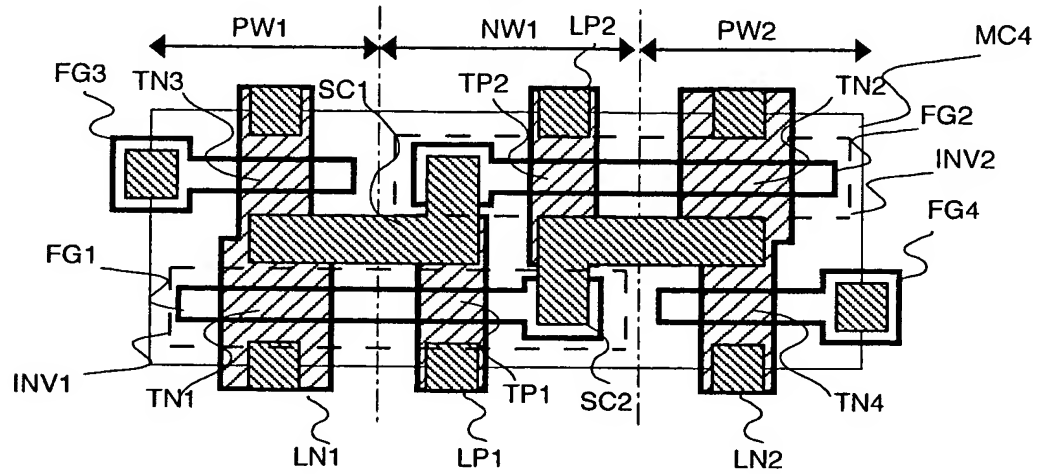
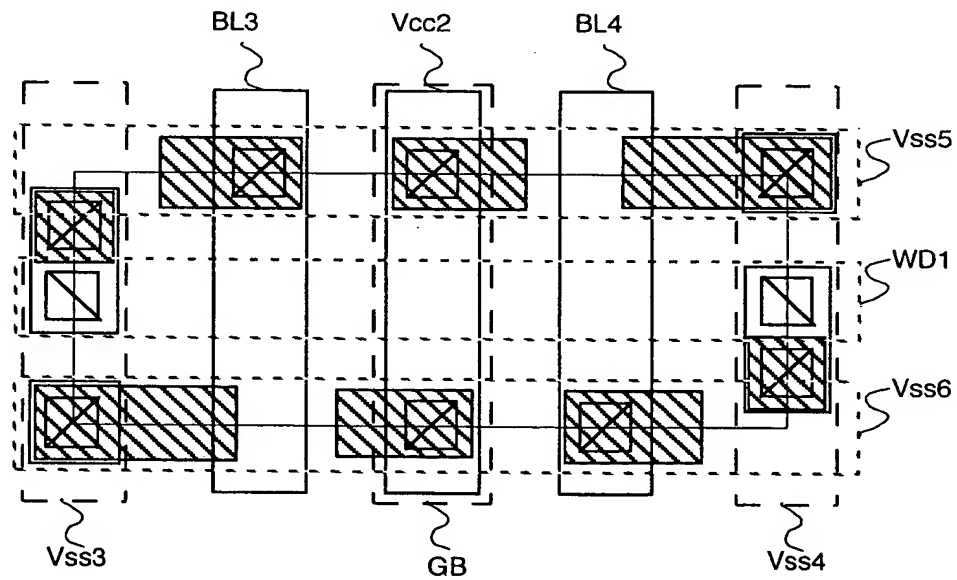


FIG.9



- DIFFUSION LAYER
- POLYSILICON LAYER
- CONTACT LAYER
- FIRST METAL LAYER

- FIRST VIA LAYER
- SECOND METAL LAYER
- SECOND VIA LAYER
- THIRD METAL LAYER
- FIRST VIA LAYER, SECOND VIA LAYER, THIRD VIA LAYER
- FOURTH METAL LAYER

FIG.10

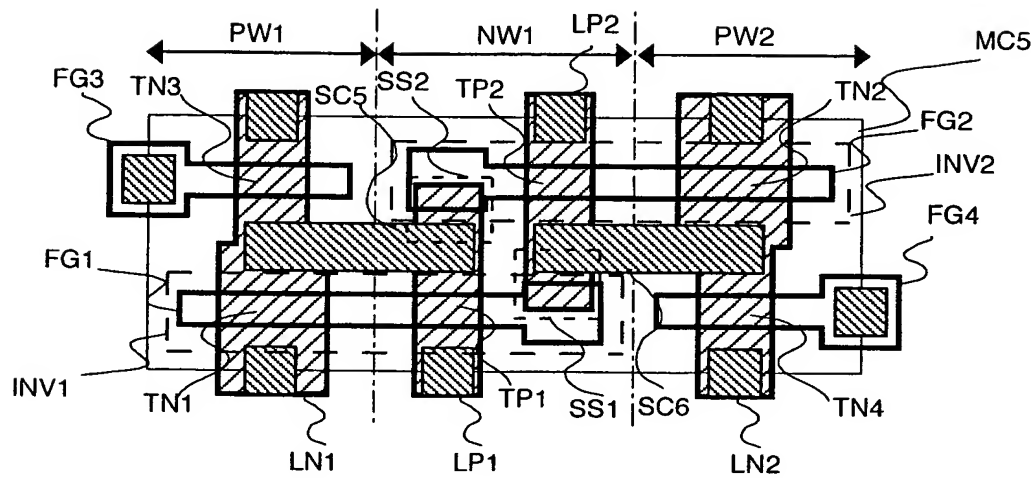
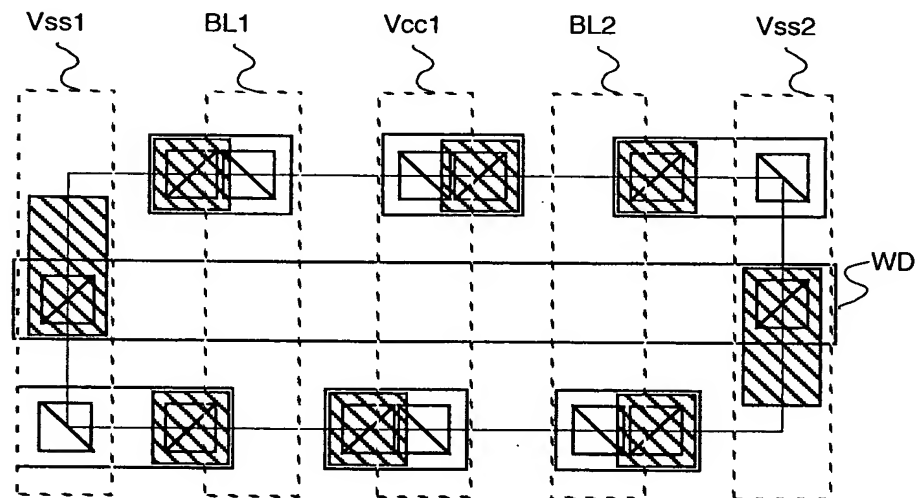


FIG.11



- |  |                    |
|--|--------------------|
| DIFFUSION LAYER                                    | FIRST VIA LAYER    |
| POLYSILICON LAYER                                  | SECOND METAL LAYER |
| CONTACT LAYER                                      | SECOND VIA LAYER   |
| FIRST METAL LAYER                                  | THIRD METAL LAYER  |
| AREA WHERE POLYSILICON AND DIFFUSION ARE CONNECTED |                    |

FIG.12a

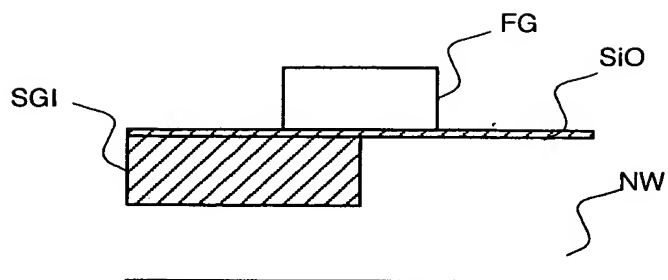


FIG.12b

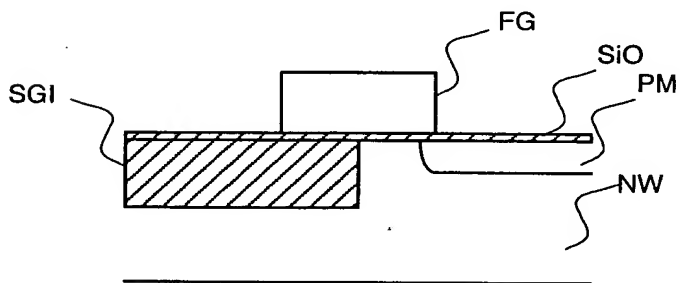


FIG.12c

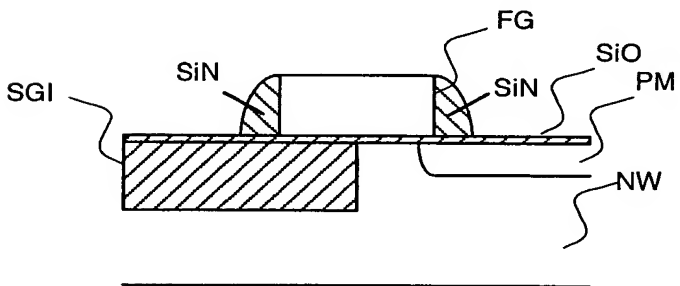


FIG.12d

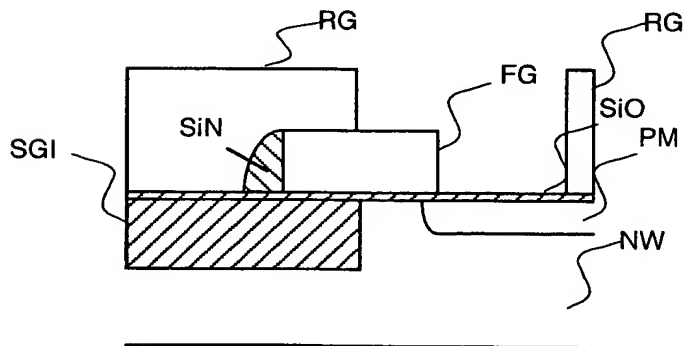


FIG.12e

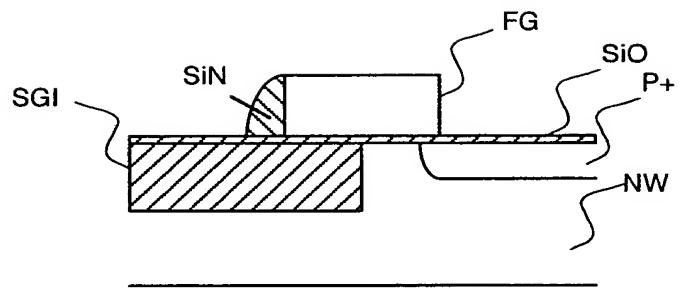


FIG.12f

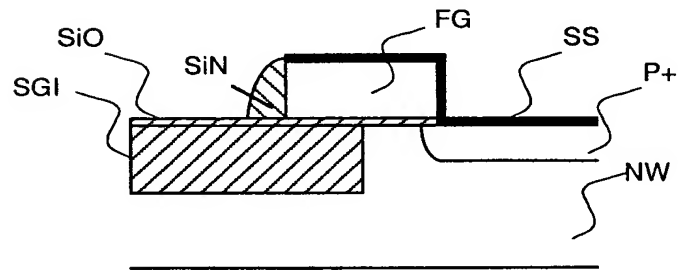




FIG.13

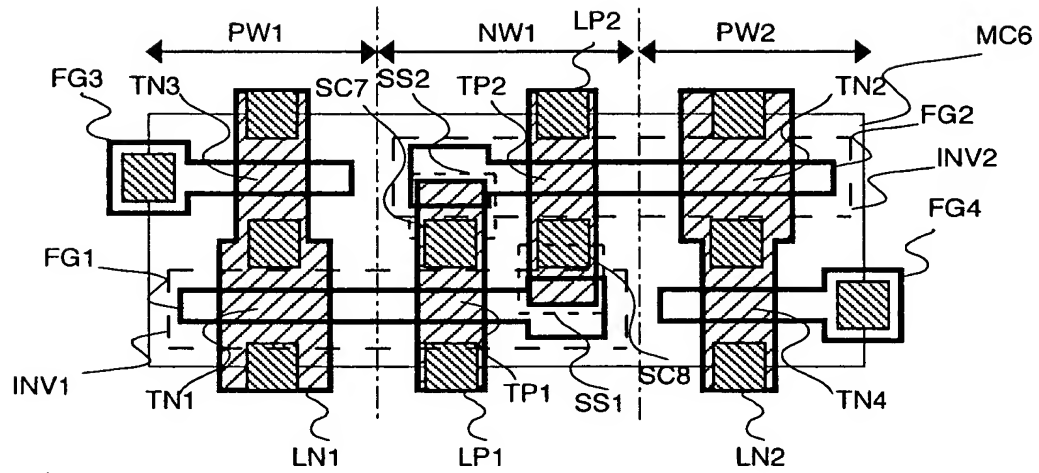


FIG.14

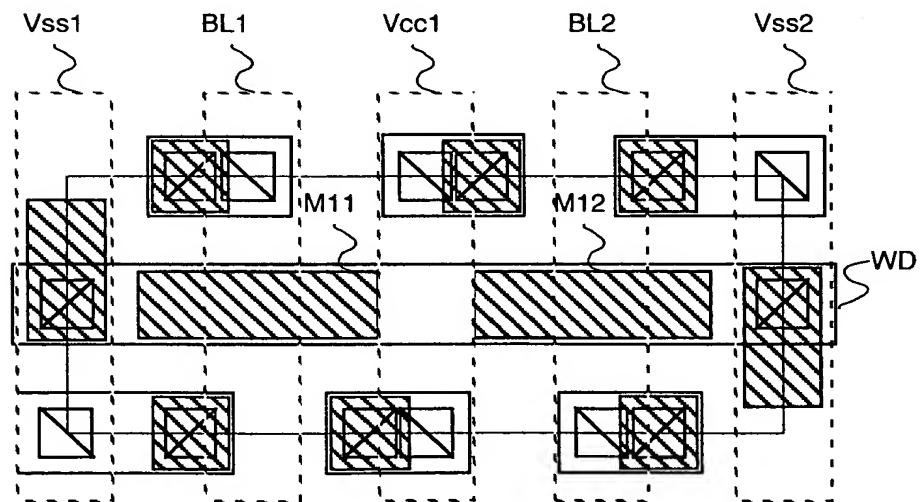


FIG.15

FIG.17

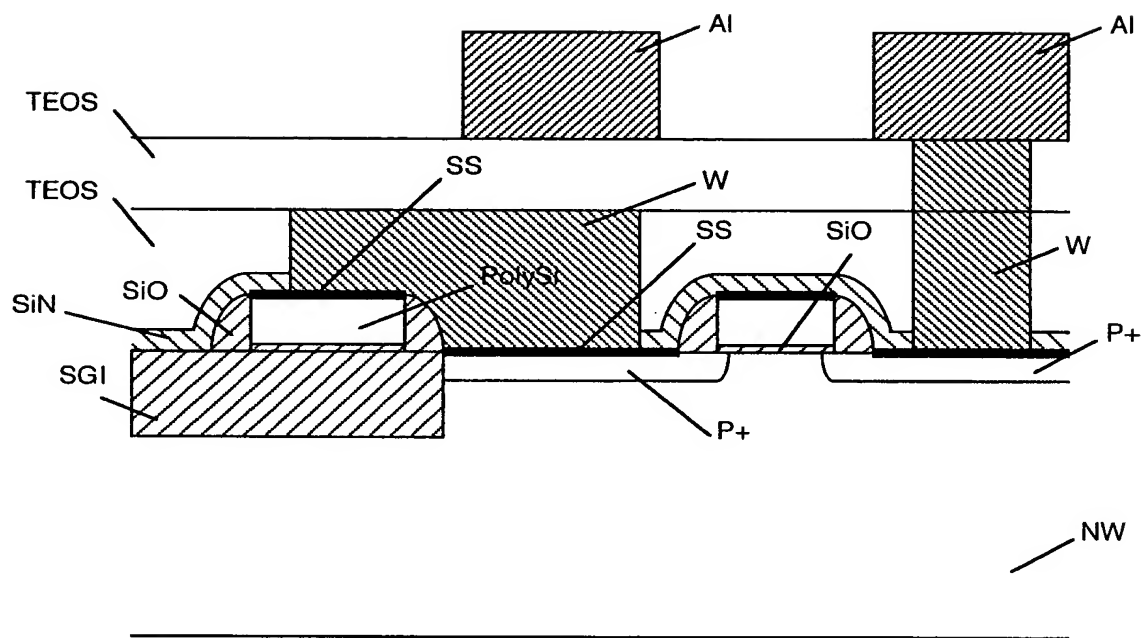


FIG.18a

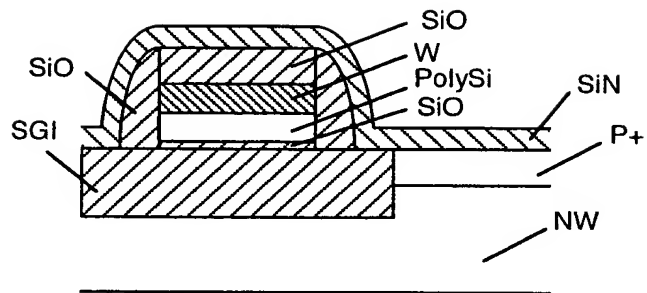


FIG.18b

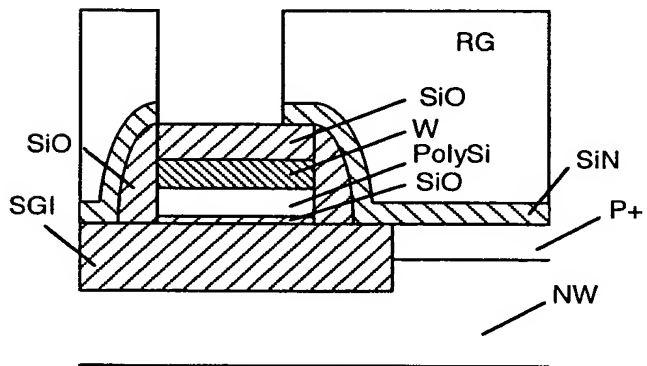


FIG.18c

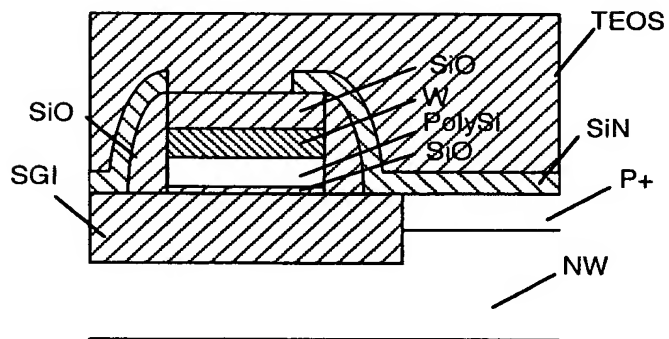


FIG.18d

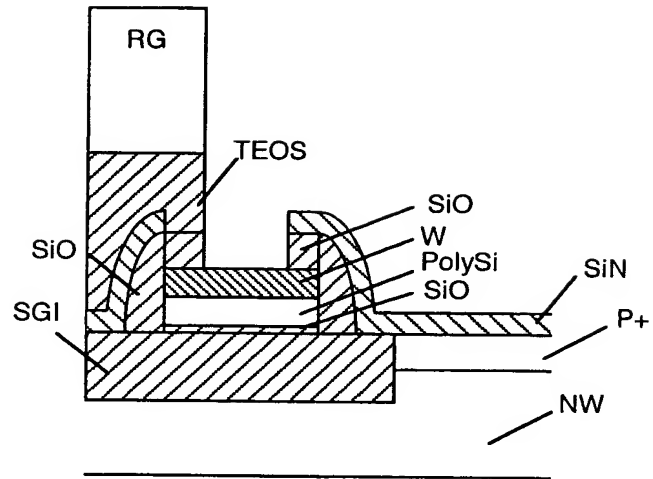


FIG.18e

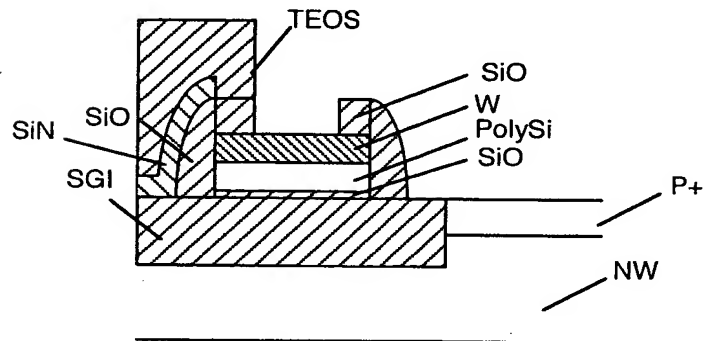


FIG.18f

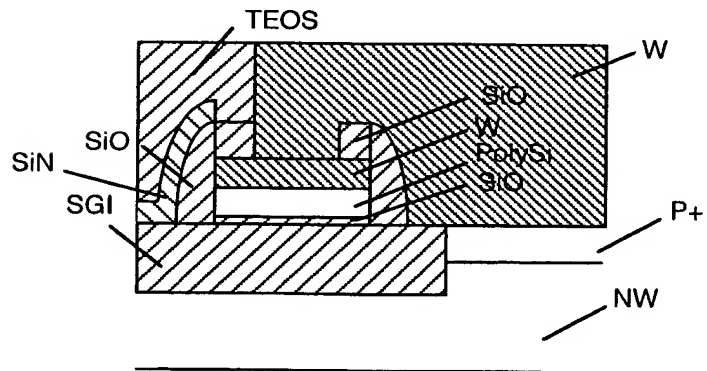


FIG.19a

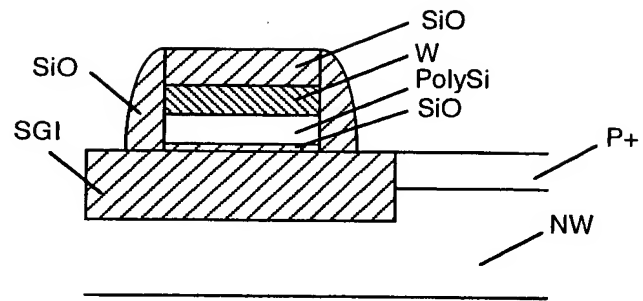


FIG.19b

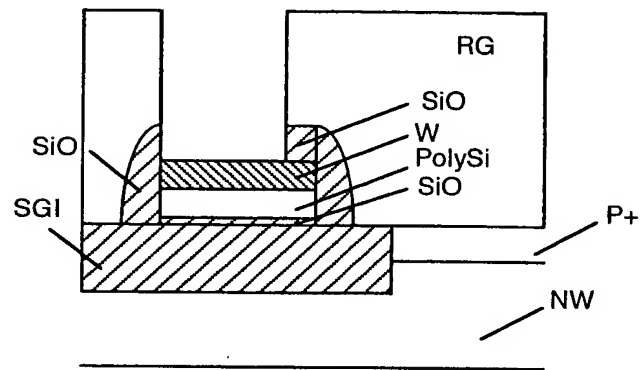


FIG.19c

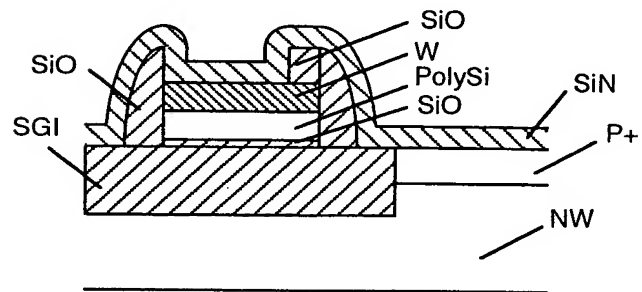


FIG.19d

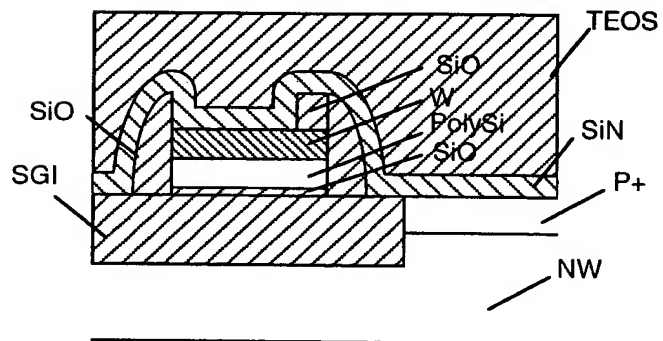


FIG.19e

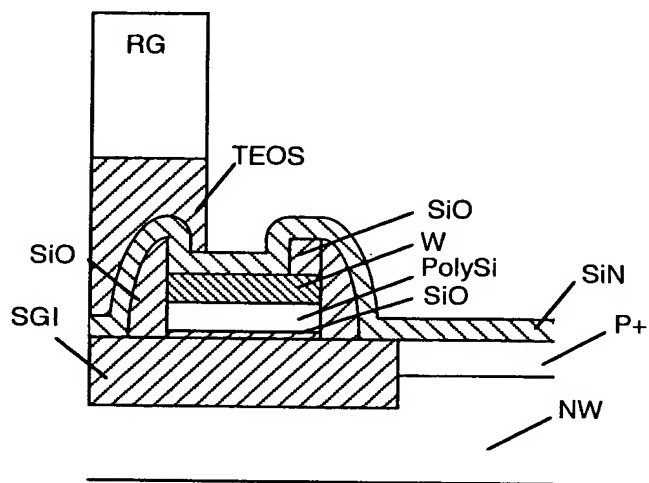


FIG.19f

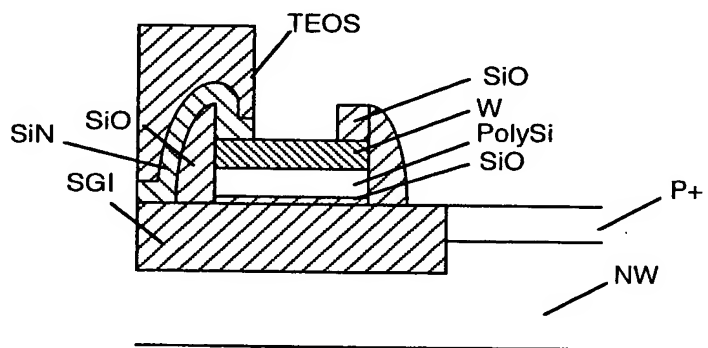


FIG.19g

